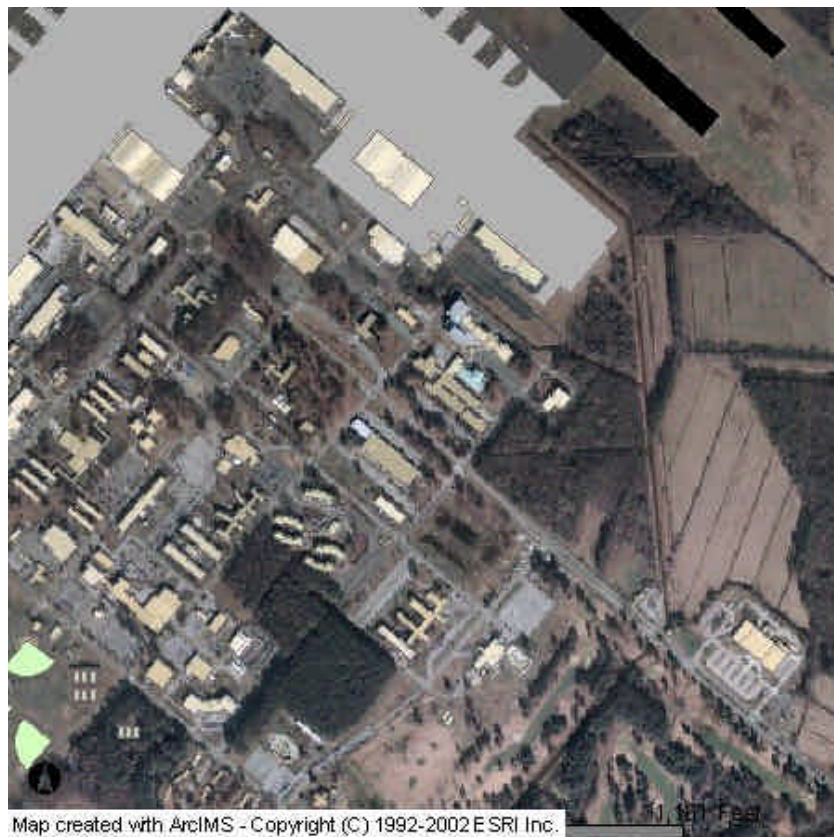




Navy Public Works Center Norfolk
Building Z-140; Code 421
9742 Maryland Avenue
Norfolk, VA 23511

Naval Station Oceana – Traffic Safety Study



**Naval Station - Oceana
Virginia Beach, VIRGINIA**

DRAFT

EXECUTIVE SUMMARY

This report presents the findings, conclusions and recommendations of a traffic safety study conducted by Navy Public Works Center, Norfolk Code 421 staff. The roadways of Tomcat Boulevard to the north, Hornet Drive to the west, Fifth Street to the south and “G” Street to the east bound the study area within Naval Air Station – Oceana, (NAS-Oceana), in Virginia Beach, Virginia. The study area is shown in Figure 1. Crash data from year 2002 and 2003 were evaluated, existing traffic control devices were evaluated for conformity with the Manual of Uniform Traffic Control Devices (MUTCD) and traffic circulation patterns were analyzed.

The following intersections were specifically analyzed for safety improvements:

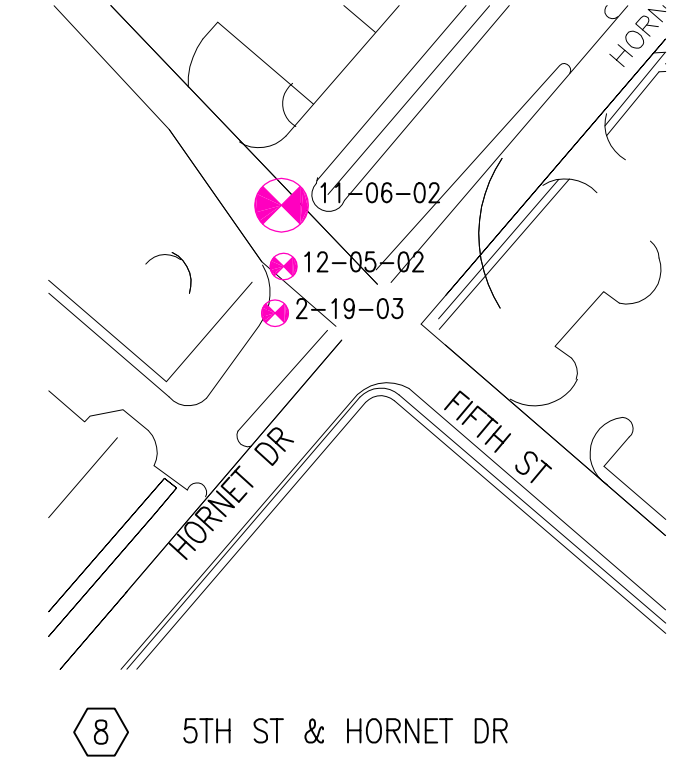
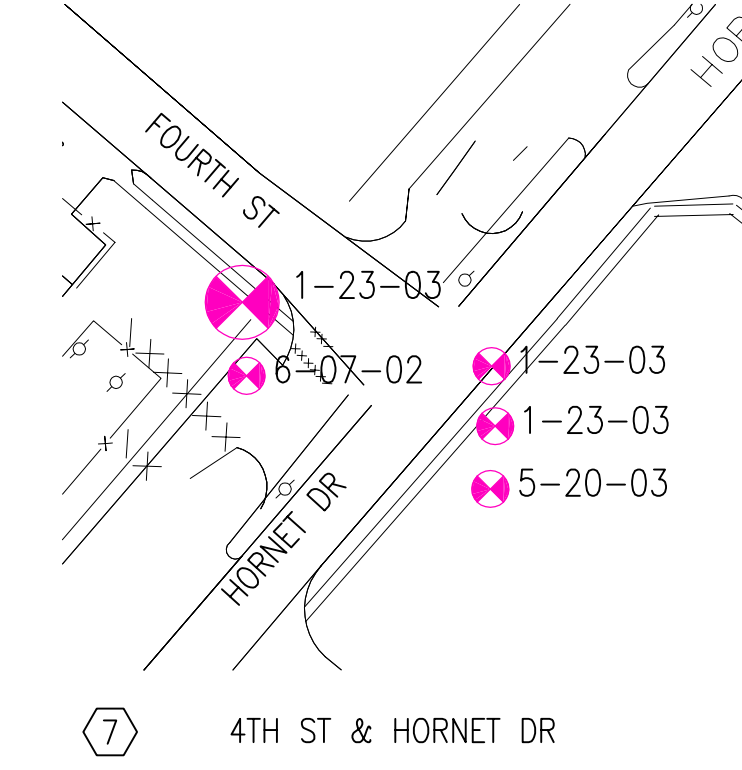
- Tomcat Boulevard and Hornet Drive
- Tomcat Boulevard and “D” Avenue
- Tomcat Boulevard and “E” Avenue
- Tomcat Boulevard and “F” Avenue
- Tomcat Boulevard and “G” Avenue
- Third Street and “E” Avenue
- Third Street and “D” Avenue
- Fifth Street and Hornet Drive
- Fourth Street and Hornet Drive

These intersections were analyzed using data provided by NAS- Oceana, Safety Office. The data was filtered for crashes that were only within the roadway sections, crashes within or adjacent to the study area, non-parking lot and hanger reported crashes, and crashes presumed preventable by traffic control devices. Tables A-1 & A- 2, in Appendix A, show the results of the sorted data for crashes in 2002 and 2003 (1-1-03 to 7-21-03) respectively. Table1 summarizes the crash data for the above intersections.

Table 1 Crash data for 2002 and 2003 for study area.

INTERSECTION/LOCATION	2002		2003		TOTAL CRASHES
	INJURY	W/OUT INJURY	INJURY	W/OUT INJURY	
Tomcat Blvd & Hornet Drive				1	1
Tomcat Blvd & "D" Avenue	1	5	1	2	9
Tomcat Blvd & "E" Avenue	1	7	1	4	13
Tomcat Blvd & "F" Avenue	1	1	1		3
Tomcat Blvd & "G" Avenue	0	1	1		2
Hornet Drive & 4th Street	0	1	1	3	5
Hornet Drive & 5th Street	1	1		1	3
Third Street & "D" Avenue	0	1		3	4
Third Street & "E" Avenue	1	4	2	4	11

NAVAL AIR STATION - OCEAN TRAFFIC STUDY AREA

[illegible]

Existing Conditions

Tomcat Boulevard

Tomcat Boulevard is a major east-west roadway, which connects major corridors in the City of Virginia Beach such as Oceana Boulevard. The typical section is a two-lane roadway with one lane for each direction and sidewalks in some areas. The planned right-of-way for Tomcat Boulevard is a four-lane divided street. The observed speeds outside the main gates are above 40 mph and inside the gates is less than 25 mph. The Level Of Service (LOS) of Tomcat Boulevard is estimated to be A or B for off peak times and LOS of D or E for peak times. Tomcat Boulevard is the through street with no stop controls except at its terminus at Hornet Drive. All side streets are stop controlled and require yielding to Tomcat Boulevard traffic. Parking is off the roadway and no problems are associated with parking. The curb return radii are small and inadequate for truck traffic to maneuver without crossing conflicting traffic.

A review of the traffic control signs and pavement markings showed that the existing signs and pavement markings need maintenance. The existing pavement markings and signs are faded, and should be replaced at the earliest convenience. Also noted were missing signs, such as, pedestrian crosswalks, inadequate signing for the roundabout at Hornet Drive and non-conforming ADA (American Disabilities Act) requirements. Photo 1 shows the typical section and existing conditions along Tomcat Boulevard.

Photo 1 Typical section of Tomcat Boulevard



Hornet Drive

Hornet Drive is a major north-south street, which connects major access points such as Dam Neck Road and London Bridge Road in the City of Virginia Beach. The street is a two-lane road, with many parking lots just off the right-of-way. There is no sidewalk along Hornet Drive, which causes pedestrian-auto conflicts. The typical curb return radii are small and inadequate for trucks to maneuver without crossing into conflicting traffic. Speeds noticed on the street are acceptable for the 25-mph speed zone. Many parking maneuvers were noted coming from the adjacent parking lots, which cause unnecessary stops, delays and sight obstructions. The LOS of Hornet Drive was estimated at C for off peak times and D or E for peak periods.

Existing traffic control devices were faded and/or missing. The roadway section is not conforming to ADA requirements and some signs are not in accordance with the MUTCD. Photo 2 shows the typical section of Hornet Drive.

Photo 2 Typical section for Hornet Drive



Letter Avenues , “D”, “E”, “F”and “G” Avenue

Avenues “D”, “E”, “F” and “G” are similar in roadway section, design and functionality. The avenues run in the north-south direction and function as collector streets, which connect major activities and collect traffic from local streets. The operating speeds observed were below 35-mph and within the 25-mph speed zone.

No parking was observed on the streets with most parking in parking lots for the activity. Parking maneuvers are few and cause very little problems within the roadway right-of-way.

Existing traffic control signs were faded and need maintenance. Pedestrian crosswalks were not signed in accordance with the MUTCD and ADA requirements. Sidewalks exist and are in good condition. Photo 3 shows a typical roadway section for the lettered avenues (“D” Avenue looking north).

Photo 3 – Typical section for lettered avenues – “D” Avenue



Numbered Streets, 3rd, 4th, and 5th Street

Each of the numbered streets is similar in roadway section, design and functionality. The streets run in the east-west direction and function as collector streets, which connect major activities and collect traffic from local streets. The operating speeds observed were below 35-mph and within the 25-mph speed zone. The numbered streets are low volume collectors and the LOS is estimated at A or B for most of the time.

Existing traffic control signs were faded and need maintenance. Pedestrian crosswalks were not signed in accordance with the MUTCD and ADA requirements. Sidewalks exist in isolated locations and are in good condition. Photo 4 shows a typical roadway section for the lettered avenues (Third Street looking west).

Photo 4 - Typical section for numbered streets – 3rd Street



Findings

NAS-Oceana safety staff provided crash data for 2002 and 2003 (1-1-03 to 7-21-03). The data from parking lots, hangers, accidents outside of study area and buildings were filtered out to find the crashes that were associated with the street right-of-ways. The focus of the crash data analysis is to assimilate, synthesize, and analyze roadway crash data to predict and/or establish causal relationships, potential countermeasures and/or safety improvements. Improvements should minimize the frequency and/or severity of roadway crashes.

Research and experience show that relatively small improvements such as turning lanes, signs and pavement markings, median treatments, localized alignment improvements, public information, education, and increased enforcement are often cost-effective alternatives to highway widening projects.

Figure 1 shows the accident location and date for each crash within the study area for 2002 and the latest in 2003. The top eight locations for accidents are also designated and shown to the right of the map. Based on the number, type, and frequency of accidents, recommendations can be presented to reduce the accident rate or prevent it from escalating.

Analysis showed that Third Street and “E” Avenue has the highest crash rate of all intersections within NAS-Oceana. This is because of the relatively low volume assumed on both streets. Two other locations caused concern that improvements are needed. These two locations are Tomcat Boulevard and “E” Avenue and Tomcat Boulevard and “D” Avenue.

The purpose of this study was to evaluate the crash data and recommend minor recommendations to reduce the crash rates at these locations. Recommendations are reported herein.

Recommendations

The following are recommendations to improve the safety of traffic within the study area based on the existing conditions, capacity analysis and evaluation of crash data. Code 421 did determine several traffic improvements that should reduce the traffic crash rate at key intersections. The improvements will also encourage walking and reduce the number of trips within the Naval Air Station. The recommendations can be phased projects, which will improve safety at each phase. The improvements are categorized or prioritized in three phases 1) immediate-improvements 2) near-term and 3) long-term. Each category has associated increasing costs and benefits for traffic safety and capacity.

Immediate-improvements are intended to conform with the MUTCD (Manual of Uniform Traffic Control Devices), ADA (Americans with Disabilities Act) and traffic engineering judgement needed to reduce traffic crashes. These improvements are to meet the minimum requirements associated with recognized standards at critical intersections.

Near-term improvements are defined as improving traffic flow and capacity, safety, promoting multi-modal activities. This category includes minimum requirements associated with recognized standards at non-critical intersections.

Long-term improvements are defined as improving overall traffic flow and capacity, safety and security. These improvements require further study and engineering.

The following tables summarize the recommended improvements, which are attached in Appendix A. The drawings show in detail the recommended traffic improvement plans needed to implement the overall traffic safety improvements.

Table 2 – Recommended Immediate-improvements

Intersection / Location	Recommended Improvement	Est. Costs	Justification
Tomcat Blvd Hornet Dr	Replace all faded traffic control signs and pavement markings.	\$20,000.00	MUTCD
Tomcat Blvd Hornet Dr	Install pedestrian crosswalk signs and curb ramps	\$5,000.00	MUTCD, ADA
Tomcat Blvd & Hornet Drive	Install new traffic control signs and pavement markings for roundabout.	\$4,500.00	MUTCD
Tomcat Blvd & "D" Ave	Install channeling devices on south side of Tomcat Blvd. Install pavement markings on "D" Avenue. Install a stop sign beacon in the northbound approach. Install curb ramp. Traffic signal warrants study needed.	\$10,500.00	Safety, remove obstruction, define intersection better
3rd St & "E" Ave	Install 4-way stop, advance signing, and intersection striping. Replace crosswalks.	\$2,500.00	MUTCD
Tomcat Blvd & "E" Ave	Install channeling devices on south side of Tomcat Blvd. Install pavement markings on "D" Avenue. Install a stop sign beacon in the northbound approach. Traffic signal warrants study needed.	\$9,500.00	MUTCD, Safety, remove obstruction, define intersection better
3rd St & "D" Ave	Install advance signing, replace crosswalks, and intersection striping.	\$1,500.00	MUTCD
Hornet Dr & 5th St	Replace crosswalks, intersection striping, and remove median for crosswalk	\$8,000.00	MUTCD
Hornet Dr & 4th St	Replace crosswalks, intersection striping, and remove median for crosswalk	\$2,500.00	MUTCD

Table 3 - Near-term recommendations

Intersection / Location	Recommended Improvement	Est. Costs	Justification
Tomcat Blvd & Hornet Drive	Move crosswalks, curb ramps, sidewalk repair and signs for crosswalks.	\$12,000.00	MUTCD, ADA
Tomcat Blvd & "D" Ave	Traffic signal installation	\$125,000.00	MUTCD, safety, volume of traffic
4th St & "E" Ave	Install curb ramps and sidewalk	\$5,000.00	safety, ADA
Tomcat Blvd & "E" Ave	Traffic signal warrant study	\$2,500.00	traffic accidents, traffic volume, safety
Hornet Dr & 5th St	Widen curb returns and install curb ramps	\$25,000.00	safety, ADA
Hornet Dr & 4th St	Remove island and install sidewalk or refuge area. Repair sidewalk and install curb ramps.	\$4,500.00	safety, ADA

Table 4 Long-term recommended improvements

Intersection / Location	Recommended Improvement	Est. Costs	Justification
Tomcat Blvd Hornet Dr	Widen roadway to 2 lanes in each direction, install left turn lanes at intersections, widen curb returns for trucks. Add signalization to major intersections (if warranted).	N/A	improve traffic safety, capacity and circulation
Tomcat Blvd & Hornet Drive	Realign traffic circle and widen radius	N/A	improve traffic safety, capacity and circulation

APPENDIX A

OCEANA TRAFFIC STUDY- 2002 CRASHES (Filtered)

INCIDENT	DATE	LOCATION	SUMMARY
TRAFFIC ACCIDENT WITHOUT INJURIES	1/18/2002	TOMCAT BLVD & BLDG #285	ICR #00052
TRAFFIC ACCIDENT WITHOUT INJURIES	1/22/2002	5TH ST. AT POST #15	GOV TO OBJECT ICR #00062
TRAFFIC ACCIDENT WITH INJURIES	1/24/2002	D AVE. NEAR BLDG. #520	ICR #00063
TRAFFIC ACCIDENT WITHOUT INJURIES	1/24/2002	TOMCAT BLVD & OCEANA	V.B.P.D. ASSIST
TRAFFIC ACCIDENT WITHOUT INJURIES	3/02/2002	TOMACT BLVD AND POST 1	POV TO OBJECT ICR #00198
TRAFFIC ACCIDENT WITHOUT INJURIES	3/22/2002	TOMCAT BLVD. AND E AVE.	POV TO POV ICR #00252
TRAFFIC ACCIDENT WITHOUT INJURIES	3/23/2002	5TH ST. & D AVE.	POV TO POV ICR #00254
TRAFFIC ACCIDENT WITHOUT INJURIES	3/25/2002	E AVE AND 3RD ST.	POV TO POV ICR #00259
TRAFFIC ACCIDENT WITHOUT INJURIES	3/29/2002	TOMCAT BLVD. & D AVE.	POV TO POV
TRAFFIC ACCIDENT WITH INJURIES	4/01/2002	TOMCAT BLVD. AND BLDG. 292	POV TO POV ICR #00288
TRAFFIC ACCIDENT WITHOUT INJURIES	4/01/2002	TOMCAT BLVD. & D AVE.	POV TO POV ICR #00286
TRAFFIC ACCIDENT WITHOUT INJURIES	4/10/2002	POST #9	GOV TO OBJECT ICR#00311
TRAFFIC ACCIDENT WITHOUT INJURIES	4/13/2002	TOMCAT & E STREET	POV TO POV ICR #00323
TRAFFIC ACCIDENT WITHOUT INJURIES	4/23/2002	POST #16	POV TO POV ICR#00362
TRAFFIC ACCIDENT WITH INJURIES	5/16/2002	FANTON AVE. AND TOMCAT BLVD.	POV TO POV ICR #00477
TRAFFIC ACCIDENT WITHOUT INJURIES	5/17/2002	TOMCAT BLVD.	POV TO POV
TRAFFIC ACCIDENT WITHOUT INJURIES	5/22/2002	POST #1	POV TO POV ICR #00502
TRAFFIC ACCIDENT WITHOUT INJURIES	5/29/2002	TOMACT AND D STREET	POV TO POV ICR #530
TRAFFIC ACCIDENT WITH INJURIES	6/06/2002	TOMCAT BLVD. AND BLDG. 290	POV TO POV TRANS TO VB GENERAL
TRAFFIC ACCIDENT WITHOUT INJURIES	6/07/2002	4TH ST. & HORNET DR.	GOV TO POV ICR #00566
TRAFFIC ACCIDENT WITHOUT INJURIES	6/28/2002	TOMCAT BLVD. NEAR "F"	POV TO POV ICR #00634
TRAFFIC ACCIDENT WITHOUT INJURIES	7/11/2002	POST #1	POV TO POV ICR #00682
TRAFFIC ACCIDENT WITHOUT INJURIES	7/12/2002	POST #1	ICR #00690
TRAFFIC ACCIDENT WITHOUT INJURIES	8/11/2002	POST #16	POV TO POV NO ICR
TRAFFIC ACCIDENT WITHOUT INJURIES	8/12/2002	POST #1	NO ICR
TRAFFIC ACCIDENT WITHOUT INJURIES	8/12/2002	TOMCAT BLVD. & BLDG #292	ICR #00819
TRAFFIC ACCIDENT WITHOUT INJURIES	8/13/2002	TOMCAT BLVD & E AVE	POV TO POV ICR #00822
TRAFFIC ACCIDENT WITHOUT INJURIES	8/14/2002	POST #1	POV TO POV ICR #00827
TRAFFIC ACCIDENT WITHOUT INJURIES	8/16/2002	TOMCAT BLVD & PHANTOM DR.	POV TO POV ICR #00831
TRAFFIC ACCIDENT WITH INJURIES	8/21/2002	TOMCAT BLVD & D AVE	POV TO POV ICR #00853
TRAFFIC ACCIDENT WITH INJURIES	8/21/2002	TOMCAT BLVD & BLDG #196	POV TO POV ICR #00854
TRAFFIC ACCIDENT WITH INJURIES	8/28/2002	TOMCAT & PHANTOM	ICR #00882
TRAFFIC ACCIDENT WITH INJURIES	8/30/2002	TOMCAT BLVD. & E ST.	ICR #00889
TRAFFIC ACCIDENT WITHOUT INJURIES	9/06/2002	TOMCAT BLVD & BLDG #295	ICR #00906
TRAFFIC ACCIDENT WITHOUT INJURIES	9/10/2002	POST #16	GOV TO OBJECT ICR #00921
TRAFFIC ACCIDENT WITHOUT INJURIES	9/10/2002	TOMCAT BLVD. AND E AVE.	POV TO POV ICR #00922
TRAFFIC ACCIDENT WITHOUT INJURIES	9/11/2002	TOMCAT BLVD AT BLDG #292	POV TO POV ICR #00928
TRAFFIC ACCIDENT WITHOUT INJURIES	9/16/2002	POST #16	POV TO OBJECT ICR #00945
TRAFFIC ACCIDENT WITHOUT INJURIES	9/17/2002	TOMCAT BLVD & B AVE.	GOV TO OBJECT
TRAFFIC ACCIDENT WITHOUT INJURIES	9/19/2002	5TH ST. 7 BLDG #603	POV TO POV ICR #00965
TRAFFIC ACCIDENT WITHOUT INJURIES	9/20/2002	3RD AND "E" AVE	POV TO POV ICR#00967
TRAFFIC ACCIDENT WITH INJURIES	9/22/2002	TOMCAT & BLDG #196	POV TO POV ICR #00978
TRAFFIC ACCIDENT WITHOUT INJURIES	9/27/2002	TOMCAT BLVD. & G AVE.	POV TO POV ICR #00996
TRAFFIC ACCIDENT WITHOUT INJURIES	10/09/2002	POST #7	GOV TO OBJECT ICR #01051
TRAFFIC ACCIDENT WITH INJURIES	10/15/2002	TOMCAT BLVD. & F ST.	POV TO POV ICR #01082
TRAFFIC ACCIDENT WITHOUT INJURIES	10/15/2002	3RD AND E AVE.	POV TO POV ICR #01083
TRAFFIC ACCIDENT WITHOUT INJURIES	10/15/2002	3RD AND E AVE.	POV TO OBJECT ICR #01084
TRAFFIC ACCIDENT WITHOUT INJURIES	10/16/2002	TOMCAT BLVD. & E ST.	POV TO POV ICR #01087
TRAFFIC ACCIDENT WITH INJURIES	10/18/2002	3RD ST. AND E AVE.	ICR #01095
TRAFFIC ACCIDENT WITHOUT INJURIES	10/28/2002	G AVE. & BLDG #460	POV TO POV ICR #01128
TRAFFIC ACCIDENT WITHOUT INJURIES	10/28/2002	3RD ST. & D ST.	PFO TO POV ICR #01130
TRAFFIC ACCIDENT WITHOUT INJURIES	10/31/2002	TOMCAT BLVD. & E AVE.	POV TO POV ICR #01137
TRAFFIC ACCIDENT WITH INJURIES	11/06/2002	HORNET DR. & 5TH ST.	ICR #01156
TRAFFIC ACCIDENT WITHOUT INJURIES	12/05/2002	E AVE. & TOMCAT BLVD.	POV TO POV ICR #01262
TRAFFIC ACCIDENT WITHOUT INJURIES	12/05/2002	HORNET DR. & 5TH ST.	POV TO POV ICR #01264
TRAFFIC ACCIDENT WITHOUT INJURIES	12/09/2002	D STREET & TOMCAT BLVD.	POV TO POV ICR #01277
TRAFFIC ACCIDENT WITHOUT INJURIES	12/11/2002	POST #16 & BLDG #551	POV TO POV ICR #01281
TRAFFIC ACCIDENT WITHOUT INJURIES	12/15/2002	POST #9	GOV TO GOV PROPERTY ICR #01291
TRAFFIC ACCIDENT WITHOUT INJURIES	12/15/2002	TOMCAT BLVD. & D ST	ICR #01293
TRAFFIC ACCIDENT WITHOUT INJURIES	12/23/2002	TOMCAT BLVD & POST #1	ICR #01330

Oceana Traffic Study - 2003 Crashes (Filtered)

DATE	DATE	LOCATION	SUMMARY
TRAFFIC ACCIDENT WITH INJURIES	1/23/2003	4TH ST. & HORNET	ICR #00097
TRAFFIC ACCIDENT WITH INJURIES	1/24/2003	E AVE. & 3RD	POV TO POV ICR #00100
TRAFFIC ACCIDENT WITH INJURIES	2/07/2003	TOMCAT & F	ICR #00146
TRAFFIC ACCIDENT WITH INJURIES	2/07/2003	TOMCAT & D	ICR #00147
TRAFFIC ACCIDENT WITH INJURIES	3/03/2003	TOMCAT BLVD. & BLDG #292	POV TO POV ICR #00254
TRAFFIC ACCIDENT WITH INJURIES	6/21/2003	E AVE & 3RD STREET	POV TO POV ICR# 00756
TRAFFIC ACCIDENT WITHOUT INJURIES	6/26/2003	G AVE AND TOMCAT	POV TO POV ICR #00776
TRAFFIC ACCIDENT WITHOUT INJURIES	1/19/2003	3RD ST AND E AVE.	POV TO POV ICR #00079
TRAFFIC ACCIDENT WITHOUT INJURIES	1/23/2003	3RD AND E ST.	POV TO POV ICR #00092
TRAFFIC ACCIDENT WITHOUT INJURIES	1/23/2003	4TH ST. & HORNET	GOV TO POV ICR #00093
TRAFFIC ACCIDENT WITHOUT INJURIES	1/23/2003	4TH ST. & HORNET	POV TO POV ICR #00094
TRAFFIC ACCIDENT WITHOUT INJURIES	1/28/2003	D STREET & 3RD AVE.	GOV TO POV ICR #00116
TRAFFIC ACCIDENT WITHOUT INJURIES	2/11/2003	POST #2	GOV TO OBJECT ICR #00168
TRAFFIC ACCIDENT WITHOUT INJURIES	2/19/2003	5TH AND HORNET DR.	POV TO POV ICR #00206
TRAFFIC ACCIDENT WITHOUT INJURIES	2/19/2003	POST #6	GOV TO OBJECT ICR #00208
TRAFFIC ACCIDENT WITHOUT INJURIES	2/24/2003	E AVE AT BLDG #540	POV TO POV ICR #00225
TRAFFIC ACCIDENT WITHOUT INJURIES	3/06/2003	TOMACT BLVD. AND PHANTOM BLVD.	POV TO POV ICR #00266
TRAFFIC ACCIDENT WITHOUT INJURIES	3/11/2003	D AVE AND 3RD ST.	POV TO POV ICR #00288
TRAFFIC ACCIDENT WITHOUT INJURIES	3/20/2003	TOMCAT BLVD. AT BLDG #285	POV TO POV ICR #00321
TRAFFIC ACCIDENT WITHOUT INJURIES	3/29/2003	E ST & TOMCAT	POV TO POV ICR #00363
TRAFFIC ACCIDENT WITHOUT INJURIES	4/04/2003	POST #4	POV TO POV ICR #00402
TRAFFIC ACCIDENT WITHOUT INJURIES	4/07/2003	POST #1	POV TO POV ICR #00408
TRAFFIC ACCIDENT WITHOUT INJURIES	4/07/2003	POST #1	POV TO GOV ICR #00410
TRAFFIC ACCIDENT WITHOUT INJURIES	4/08/2003	3RD & E	POV TO POV ICR #00413
TRAFFIC ACCIDENT WITHOUT INJURIES	4/15/2003	POST #1	ICR #00447
TRAFFIC ACCIDENT WITHOUT INJURIES	1/03/2003	TOMCAT BLVD. AND PHANTOM RD.	POV TO POV ICR #00006
TRAFFIC ACCIDENT WITHOUT INJURIES	4/28/2003	POST #16	ICR #00494
TRAFFIC ACCIDENT WITHOUT INJURIES	5/08/2003	TOMCAT & E	POV TO POV ICR #00536
TRAFFIC ACCIDENT WITHOUT INJURIES	5/14/2003	POST #14	GOV TO OBJECT ICR #00567
TRAFFIC ACCIDENT WITHOUT INJURIES	5/18/2003	POST #1	FLEEING THE SCENE ICR #00584
TRAFFIC ACCIDENT WITHOUT INJURIES	5/18/2003	POST #35	POV TO OBJECT ICR #00587
TRAFFIC ACCIDENT WITHOUT INJURIES	5/18/2003	PHANTOM & TOMCAT	FLEEING THE SCENE ICR #00588
TRAFFIC ACCIDENT WITHOUT INJURIES	5/19/2003	D AVE AND 3RD	GOV TO POV ICR #00593
TRAFFIC ACCIDENT WITHOUT INJURIES	5/20/2003	4TH AND HORNET	POV TO POV ICR #00602
TRAFFIC ACCIDENT WITHOUT INJURIES	6/04/2003	TOMCAT AND HORNET	POV TO POV ICR #00672
TRAFFIC ACCIDENT WITHOUT INJURIES	6/09/2003	5TH AND D	ICR #00693
TRAFFIC ACCIDENT WITHOUT INJURIES	6/19/2003	E AVE & 3RD ST.	POV TO POV ICR #00741
TRAFFIC ACCIDENT WITHOUT INJURIES	6/19/2003	D AVE AND TOMCAT BLVD	POV TO POV ICR #00740
TRAFFIC ACCIDENT WITHOUT INJURIES	6/27/2003	B AVE	POV TO POV ICR #00780
TRAFFIC ACCIDENT WITHOUT INJURIES	6/30/2003	TOMCAT & E	POV TO POV ICR #00795
TRAFFIC ACCIDENT WITHOUT INJURIES	7/03/2003	B AVE AND 4TH ST.	POV TO POV ICR #00807
TRAFFIC ACCIDENT WITHOUT INJURIES	7/08/2003	TOMCAT BLVD. AND D AVE	POV TO POV ICR #00829
TRAFFIC ACCIDENT WITHOUT INJURIES	7/11/2003	TOMCAT BLVD. & E ST.	POV TO POV ICR #00841
TRAFFIC ACCIDENT WITHOUT INJURIES	7/21/2003	POST #1	POV TO POV ICR #00880